



**trust
based**

s e f s a r i m . c o m



TECHNOLOGY, EXPERIENCE, QUALITY, SPEED...

About Us

Şef Sarım has over 40 years of experience in winding, repair, overhaul and manufacturing coils for rotating machines for both AC motors, DC motors, traction motors, alternators and generators.

Şef Sarım has been providing its premium services without discriminating any motor company's products. With all the knowledge being documented throughout our over 40 years of history, our knowledge database includes over tens of thousands of different motors we have worked with so far. Being able to reach an extensive library of motors and Şef Sarım's ability to provide solutions for different sectoral specific instances allows us the cutting edge over our competitors.

The Solution Partner That You Can Lean On



Due to working with different motor brands and companies from different industries allows Şef Sarım to find and solve any trip and faults that your motor may cause with precision. Şef Sarım's extensive knowledge comes from not only coil manufacturing but also winding services and other repair jobs. Therefore, we are proud to announce our expertise over electrical motors in general.

With state-of-the-art manufacturing facilities located in Balıkesir, Turkey, we produce accurate coils which reduces the any challenge that may occur during the winding process. At Şef Sarım, we are experienced in working with short lead times – in days, not weeks which minimize down time for end users, OEMs and repair shops anywhere in the world.

With skilled personnel, Şef Sarım aims for excellence throughout its business ensuring fast delivery times to minimize down time for our customers.

Şef Sarım's knowledgeable technical personnel and engineers are up to the challenge and provide 24/7 support not only for your coil requests but also any other technical issues that you may face in your facilities.

At Şef Sarım, we always strive for better. Our technical teams and engineers are highly efficient with redesign and reverse engineering capabilities without compromising efficiency or the life expectancy of the motors.



Experience and Expertise

For over 40 years, Şef Sarım was able to work with and document all types of different motors range from 45kW up to 188MW.

The manufacturing process is complex and our teams guarantee experience and expertise. Every individual coil in the production process is fully traceable and has been subjected to individual electrical tests.

Exceeding Your Service Expectations

From the purpose-built, comprehensively equipped coil manufacturing facility at the Balıkesir service center you receive high voltage coils designed to match or exceed existing efficiency levels. Şef Sarım manufactures complete sets of coils with the shortest lead times possible to ensure our customers' productivity is maximized. Şef Sarım's production capability includes an in-house wire insulation machine as well.

With the creation of new insulating material technology, you benefit from significant performance improvements for a wide range of applications.



Know How Makes the Difference

- Worldwide delivery
- Best quality
- Maximized productivity

Quality

Based on our own extensive experience and in house rewind requirements we offer specialist electro mechanical engineering support. Our skilled and knowledgeable team have worked on a wide range of machines globally and can provide training and support in relation to taking motor data, specifying the most appropriate insulation systems and improving/upgrading the performance of machines.

This includes upgrading insulation materials and increasing the copper in the cross section to improve motor efficiency and improving the winding design to minimize the risk of PD and maximize power output.

Our engineers are also skilled in reverse engineering. Where data cannot be provided, we can work backwards from a sample coil to provide a detailed coil specification and accurate fit.



**From Design to Manufacture
with Premium Quality
Specialist Technical Support**

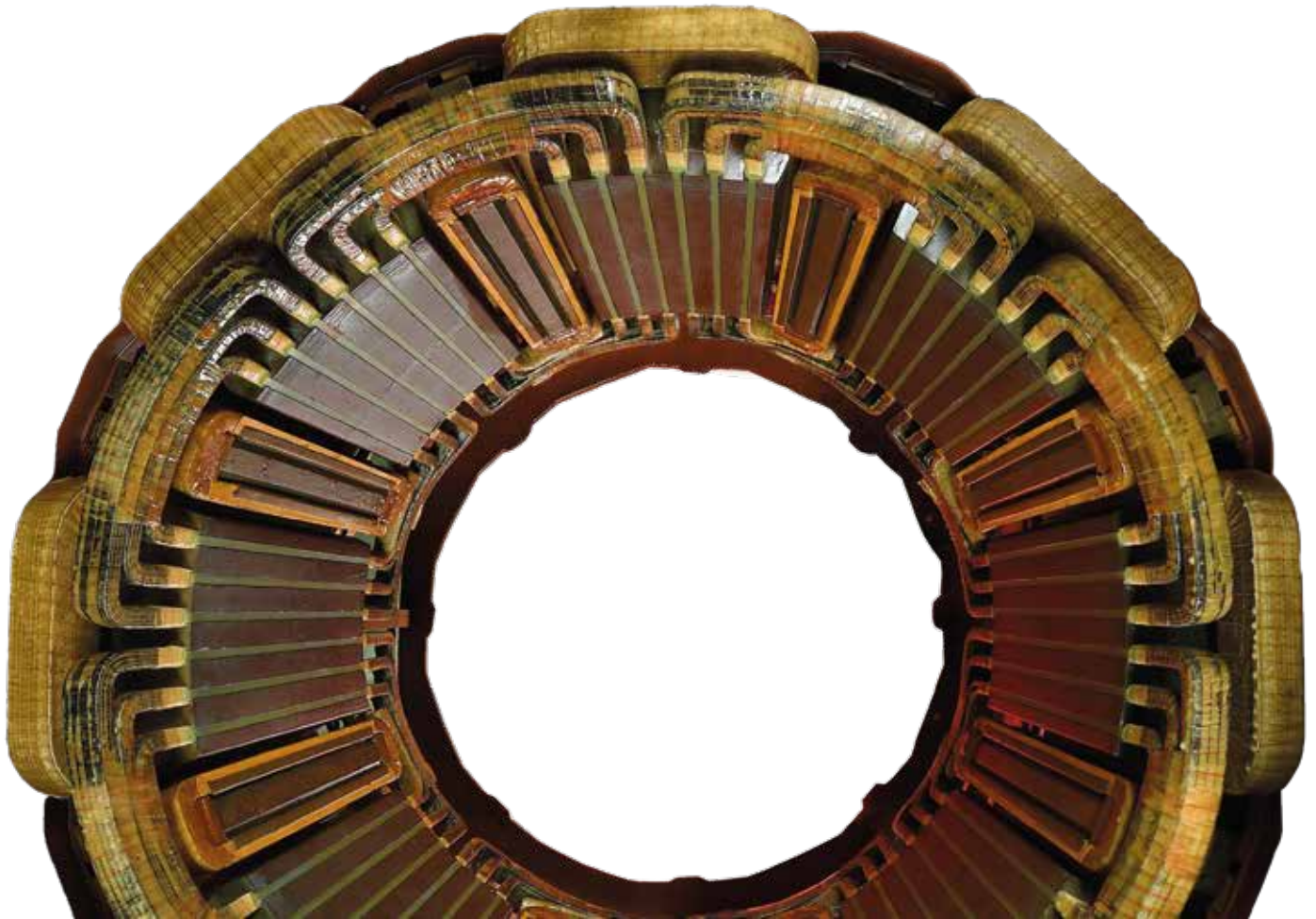
Emergency Lead-Time Services

Time is one of the most important aspects in today's businesses. Şef Sarım fully understands the importance of the subject and the consequent costs that may occur to our customers due to down times caused by broken motors.

As a solution partner, Şef Sarım understands in some cases quality and speed is more important than any other subject. Şef Sarım provides both standard and emergency lead-times to meet our customers' specific demands.

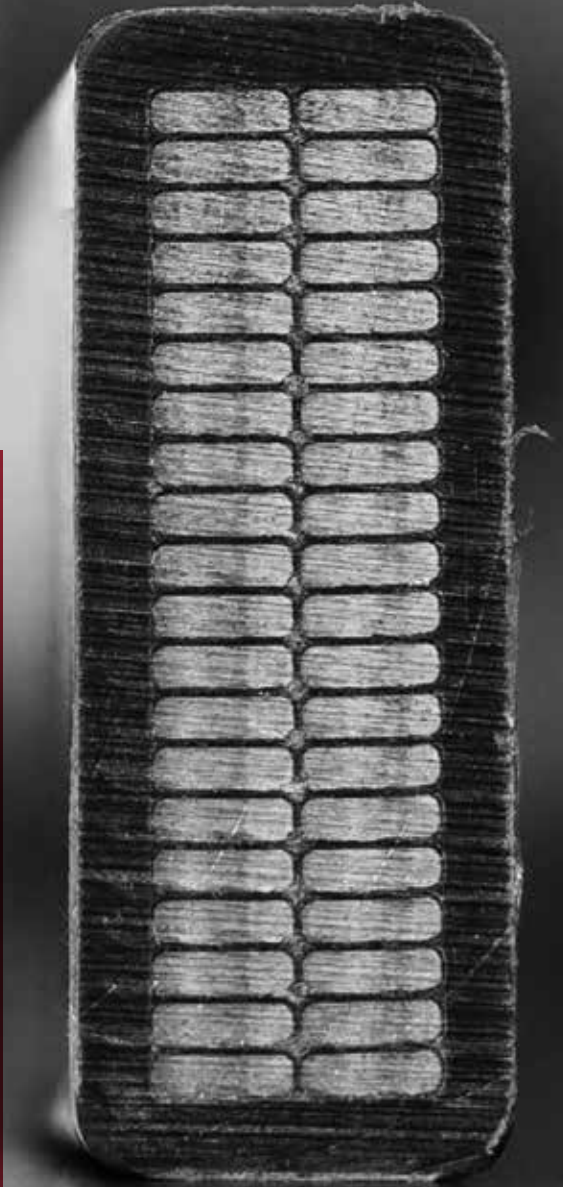
Moreover, since our factory is located close to all international ports and airlines due to its geopolitical location, it enables us to respond to your needs with service leading shortest time.

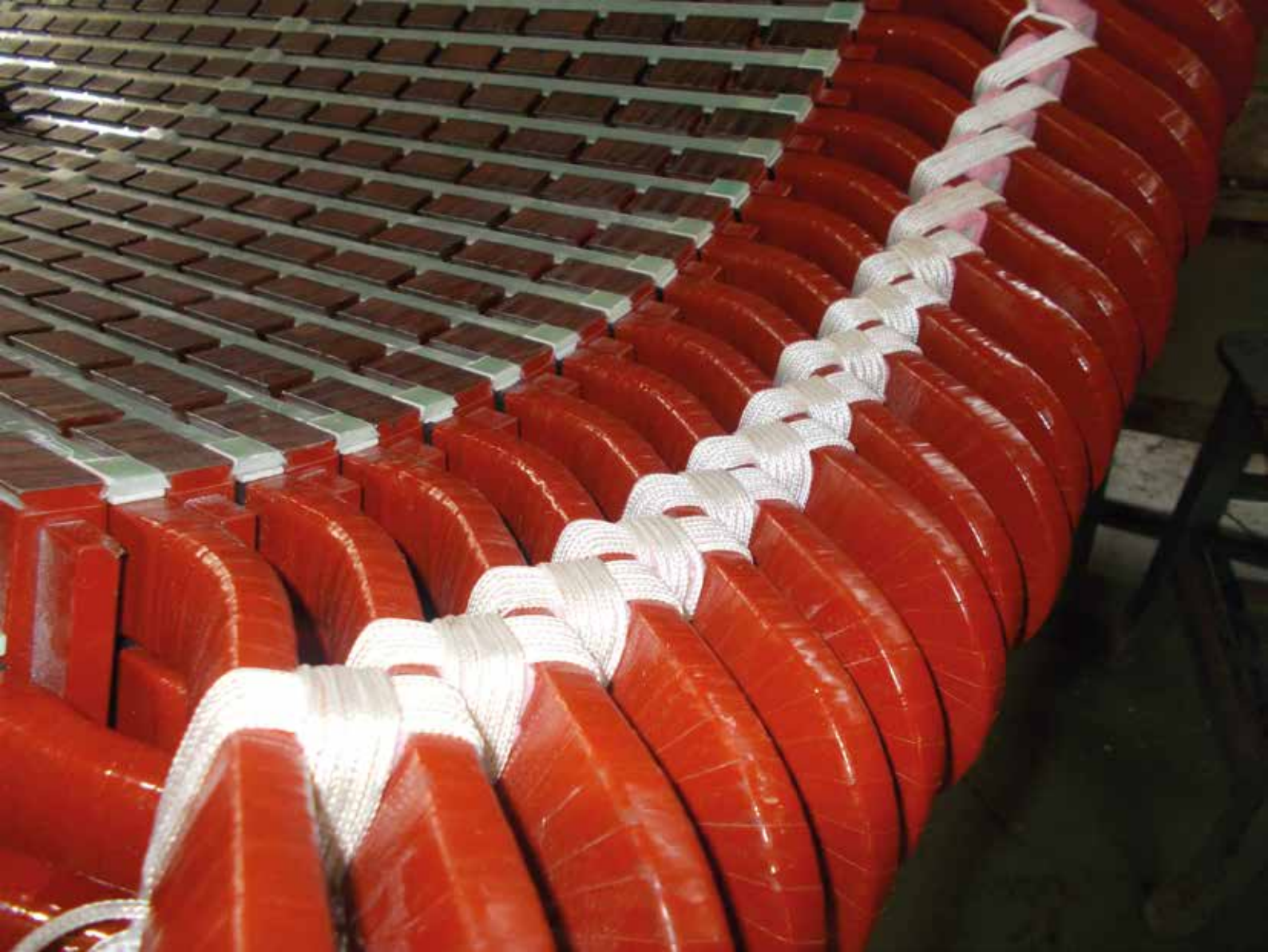
Winding kits can also be supplied which includes the necessary materials for rewinding process of a broad range of electric motors.



As an ISO 9001 quality assured company, Şef Sarım ensures that quality is our standard for all of our products and services. For over 40 years, Şef Sarım has been working on any brand for different application for varying motor sizes.

- Iron and Steel Plants
- Cement Plants
- Mines and Mining Industries
- Petrochemical Plants
- Automotive Industry
- Power Generation – Wind Energy, Hydroelectric Energy and Thermal Power Plants
- Mobility Systems
- Textile and Synthetic Industries
- Plastic and Package Plants
- Fertilizer / Chemical Industries





Şef Sarım highly supports continuous improvement and highly suggest all the technical personnel to attend and improve their knowledge to stay up to date. In order to achieve the best results Şef Sarım has been an EASA member for a long time. Quality is very important to us and we strive to achieve the best solution we believe comes from both technical knowledge and on-site experience. Every engineer is taking part in the EASA webinars and training courses and then pass the knowledge to their respective teams.

Product Range

- Diamond Coil
- Hairpin Coils
- Concentric Coils
- Bar Wound Rotor and Stator Half Coils
- Traction Coils
- Dc Armature Coils
- Equalizer Coils
- Dc Field Coils
- Dc Interpole Coils
- Compensating Coils
- Salient Pole Rotor Coils
- Rotor and Stator Bars
- Strip On Edge Field Coils
- Transformer Coils
- Electromagnet Coils
- Magnetic Stirrer Coils





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for all your solutions**

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Insulation Technologies

For various electrical machine types, Şef Sarım is well aware of importance of impregnation process using import and styrene-based resins. Şef Sarım also guides customers with over 40 years of experience with electrical machines about which type of impregnation process should be used.

With impregnation processes; Şef Sarım aims to improve motor's electrical properties (dielectric strength) as well as mechanical strength (heat transfer, insulation from dirt, reducing coil vibrations). With state-of-the-art impregnation system and fully automatic VPI/VI unit, Şef Sarım ensures that the electrical machine is fully covered with resin.

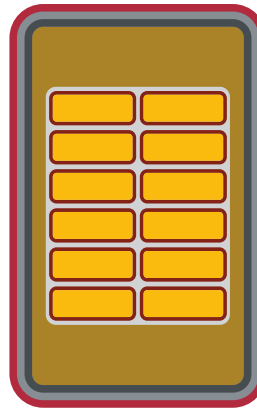
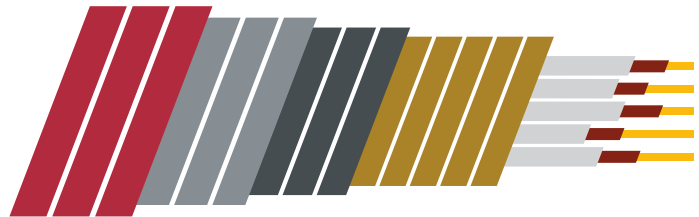
Şef Sarım uses only the best resin from the most reputable companies such as Elantas and Axalta etc.

- Hot Pressed Resin Rich / Hard Coils
- VI
- VPI
- Dip and Bake
- Hot Drip
- Roll Drip
- Customer Specified Insulation



At Şef Sarım we have been using only the best insulation materials for manufacturing and repair purposes. In order to provide the best solution to our customers' needs, Şef Sarım procures the materials only from the most reputable companies such as VonRoll, IsoVolta, Krempel and NipponRika etc.

- Strand Insulation Tape (Flexible and dry mica tape polyamide tape)
- Non Adhesive Temporary Tape For Coil Forming
- Ground Wall Insulation Tape (Mica turn tape either resin rich or VPI applicable)
- Conductive Tape (Corona protection tape)
- Stress Grading Tape (EGSB)
- Coil Press Film (Special thermal resistant shrinkable PET film - temporary)
- Coil Head Insulation Tape
- Armor Tape (Coil head protector tape)
- Coil Head Tape (Polyester band) (VPI)
- Glass Fiber Tape



- Amor Tape
- Stress Grading Tape
- Conductive Tape
- Resin Rich Mica Tape
- Mica Turn Tape
- Strand Insulation
- Cooper Stand

Tests

At Şef Sarım we conduct the tests with state-of-the-art testing machinery with utmost care to provide the best coils for our customers. Şef Sarım provides a variety of tests during the coil production starting from the bare wire till the end product which is ready to be installed for winding process. As a valuable customer you will be receiving the results of the tests in the package. All the tests conducted at Şef Sarım are run according to their respective standards and checked by ISO 9001 standards throughout each process. At Şef Sarım we use the latest version of TS EN 60034-15, IEEE 1553, IEEE 1043, IEEE 95, IEEE 286, IEEE 522 and TS EN 50209 respectively.

- Turn to Turn Test
- Precise Ohmic Resistance Measurements
- High Potential Test
- Impulse Interturn
- Voltage Endurance
- AC and DC Insulation Test
- Oven Cycle Reports
 - o Pressure
 - o Vacuum
 - o Temperature
 - o Cycle Time
- Design Parameter Verification



easy way to care

In our repair center, highly qualified specialists repair your motor units. This expertise combined with modern, high-performance equipment, we are able to offer repairs of the highest quality. Besides quality, speed is also important to us.





Web



E - Catalog



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